

while on the side of the tumour there is ordinarily a ventricular filling defect marking the site of the tumour. Treatment of these tumours is usually unsatisfactory. X-ray therapy has not proved very effective. Of the 50 patients, 10 died during the first few days of hospitalization, 27 were treated with subtemporal decompression. All died within a few months. Because of the unfavourable results, 13 patients were operated upon. Four died as a result of the operation. Six patients with thalamic tumours were alive at the time of the present report. Two patients with tumours of the head of the caudate nucleus, both astrocytomas, operated upon in 1950 and in 1949 are in good health. They did not receive X-ray treatment. In some tumours of the basal ganglia surgical intervention may be quite satisfactory.

Gross - New York, N. Y. (VIII, 5, 16)

EALANTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4300. SEIZURES OF PARONYSMAL HEMIPYPERHIDROSIS - Crises d'hémipyperhidrose paroxystique - Arseni C., Botez M.I. and Samitica D.C. Clin. Neuro-Chir., Bucarest - REV. NEUROL. 1958, 98/6 (804-807) illus. 1. Nine cases from the literature are quoted. A personal case is described: a man aged 36 with outbreaks of perspiration sensitivity disturbances (Bravais-Jackson) and paresis of the left half of the body. Past history: pleurisy at the age of 23, hepatitis at 24, severe typhus exanthematicus with continuously high fever for 10 days at the age of 28. Attacks of hemilateral profuse sweating set in at the age of 29. There were no accompanying symptoms. The attacks lasted for 3-5 min. and occurred at intervals of 2 to 100 days. On exertion and in hot weather there was sweat all over the body, but much more so on the left than on the right side. When the patient was 36 yr. old he contracted severe 'Asian influenza' (1957), and experienced a feeling of heaviness in the left leg, the attacks of sweating became more frequent (every 2 to 3 days), and sensory disturbances accompanied by paresis developed independently from the time of the sweating attacks. The internal organs were normal. There was hemiparesis of the left face, shoulder and thigh, and high muscular reflexes on the left side. Skin reflexes on the left side were absent. Ventriculography showed compression of the right frontal brain. On operation an intraparenchymal haematoma of the 1st frontal gyrus was found. Follow-up examination after 4 months revealed: left hemiparesis and disappearance of the outbreaks of sweating and the sensory disturbances. The disorders were probably attributable to an encephalitic process in the right frontal brain during the exanthematic typhus, to vascular damage and haematoma due to influenza.

Schmitt - Hamburg

EXCERPTA MEDICA Sec 16 Vol 7/9 Cancer Sept 59

3782. An unusual case of retinoblastoma Quelques particularités anatomo-cliniques du rétinoblastome. ARAM C. and OPRASCO I. Clin. Neurt-Chir., Bucarest
Ann. anat. path. 1959, 4/1 (189-195) illus. 7
This case occurred in a patient of 53 yr. The latero-cervical lymph nodes showed metastases, although no infiltration of the orbital walls existed.

ARSENI, K.; SHANDOR, G.; BOTIZ, M.I. (Bukharest)

Clinical and pathophysiological observations following extensive
resections of the cerebral hemisphere. Vop.neirokhir. 23 no.5:
20-23 S-O '99. (MIRA 12:11)

1. Neyrokhirurgicheskaya klinika imeni G. Marinesku.
(BRAIN surg.)

2829. *Verbraal haemangiomata. Report on 15 cases* ARZENI C. and SIMIONESCU M. D. *Neurosurg. Clin., Post-Grad. Med. Sch., Bucharest* *1959*, 34/1 (1-9) Illus. 4

The authors report on 15 cases of vertebral haemangiomata out of a total of 340 vertebral tumours. Their main clinical features as well as the data furnished by neurological, laboratory, and roentgenographical examinations are described. The therapeutic results obtained by X-ray therapy and/or operation are discussed comparatively.

CAZUEN TA MEDICA Ser. 9 Vol. 12/9 Neurology Sept. 59

4288. VASCULAR MALFORMATIONS OF THE SPINAL CORD. Arseni C. and
Samitca D. C. Neurosurg. Clin., Post-Grad. Med. Sch., Bucharest--
ACTA PSYCHIAT. SCAND. 1959, 34/1 (10-17) Graphs 1 Tables 2 Plus. 2

A report is given on 18 cases of vascular malformations of the spinal cord. Their
main clinical features as well as the roentgenological aspects are described and the
results of the operative treatment discussed.

ABSTRACT (Cont.)

Further considerations of the physiopathology and clinical aspects of vertebral disk diseases. Rod. Intern. (Rover.) 16 no.11:1291-1293 N '62

LASCU, Fiorentina; ARSENI, C.

Rare manifestations of intracranial neoformations. Retrobulbar neuritis.

Rumanian M Rev. no.4:72-74 O-D '60.

(BRAIN NEOPLASMS complications)(OPTIC NERVE diseases)
(NEURITIS etiology)

ARSENI, A.; MARKOVICH, N.; P'YETRANU, N. (Bukharest)

Closure of skull defects. Khirurgia 35 no. 5:84-87 My '99.

(MIRA 13:10)

(SKULL—SURGERY)

ARSENI, K.; BOTEZ, M.I.

Clinical and pathogenic aspects of apraxia of the face, mouth, and tongue. Zhur.nerv.i psikh. 59 no.12:1419-1424 '59.

(MIRA 13:4)

1. Klinika neyrokhirurgii imeni D. Bagdasara Bukharestskoy gosudarstvennoy bol'nitsy No.9.

(APRAXIA etiol.)

(FACE dis.)

(MOUTH dis.)

(TONGUE)

ARSENI, K.[Arseni, C.]; OPRESCU, I.[Oprescu, I.]

Surgical treatment of nontraumatic and intraparenchymatous hematomas in the brain and cerebellum; clinical and therapeutic studies of 52 cases. Nauch. trudy Inst. nevr. AMN SSSR no.1: 329-339 '60. (MIRA 15:7)

1. Neyrokhirurgicheskoye otdeleniya 9-y gorodskoy klinicheskoy bol'nitsy, Bukharest.

(HEMATOMA) (BRAIN—TUMORS) (CEREBELLUM—TUMORS)

ARSENI, G., prof.

Therapeutic aspects of cerebrovascular disorders. Med. intern.
15 no.11:1397-1405 N '63.

1. Lucrare efectuata in Clinica de neurochirurgie "Prof. D.
Bagdasar", Bucuresti.

(CEREBROVASCULAR DISORDERS)
(CEREBRAL ISCHEMIA, TRANSIENT)
(CAROTID ARTERY THROMBOSIS)
(VASCULAR SURGERY)

ANUFRIYEV, I.; SHEREGEDA, I.; ARSENI, M.

People are growing Sov. profsoyuzy 17 no.19:27-29 0 '61.
(KIRA 14:9)
1. Predsedatel' zavodskogo komiteta kishinevskogo zavoda "Vibro-
pribor" (for Anufriyev). 2. Predsedatel' komiteta profsoyusa
gal'vanometricheskogo tsekha zavoda "Vibropribor" (for Sheregeda).
3. Profzruporg sletarnogo uchastka mekhanicheskogo tsekha kish-
inevskogo zavoda "Vibropribor" (for Arseni).
(Kishinev--Instrument industry) (Trade unions)

ARSENI, P.M., master; KOVAL'CHUK, A.A., inzh.

Redesigning the DSE-3 deaeration column. Elek.sta. 29 no.8:79-80
Ag '58 (MIRA 11:11)
(Feed-water purification)

MAKSIMOVIC, Branislav, dr.; AISENBERG, Iva, dr.

Changes in the cervical spine in the course of rheumatoid arthritis. Reumatizam 12 no.4:134-137 '65.

1. Centralna Specijalisticka Poliklinika, Beograd.

ARSENIC, Jovan, Ing. Beograd

Regulations concerning physicians in the Principality of Serbia.

Narodno zdrav., Beogra 11 no.3:90-91 1955.

(LEGISLATION, MEDICAL, history,
in Yugosl.)

ARSENIC, J.
SURNAME (in caps); Given Name:

Country: Yugoslavia

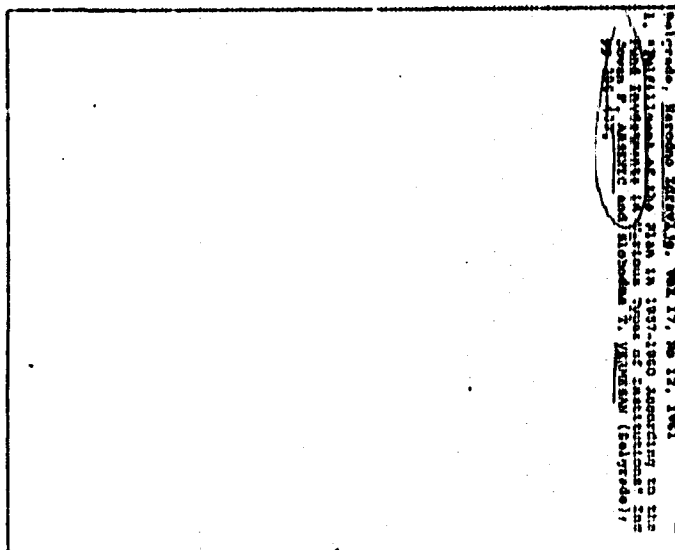
Academic Degrees: not given

Affiliation: not given

Source: Belgrade, Narodno zdravlje, No 7-8, 1961, pp 264-265.

Data: "Hospitals in the United States in 1961."

ARSENAL, ADONIS



ARSENIDZE, Sh. T. -- "The Problem of Teaching a Communist Attitude toward Labor."
Published by the Institute. Science Research Institute of Pedagogical
Sciences, Min Education Georgian SSR. Tbilisi, 1955.
(Dissertation for the Degree of Candidate in Pedagogical Sciences.)

So; Knizhaya Letopis' No 3, 1956

DUBROVIN, K., Dr.; KRAJINOVIC, S., dr.; ARSENJEVIC, I., m-r ph.;
KOSTIC, M., dr.

Single and combined effects of antibiotics in vitro on
conditionally pathogenic *Escherichia coli*. Voj. san. pregl.,
Beogr. 12 no.7-8:394-396 July-Aug 55.

1. Mikrobioloski institut Medicinskog fakulteta u Beogradu.
(*ESCHERICHIA COLI*, eff. of drugs on,
antibiotics, single & combined treatment in vitro (Ser))
(ANTIBIOTICS, eff.
on *E. coli*, single & combined treatment in vitro (Ser))

COUNTRY : USSR
CATEGORY : General Problems of Pathology. Immunity
AB3. JOUR. : RZhBiol., No. 23 1958, No. 106923
AUTHOR : Arseni'evic, K.; Milin-Isakovsk, K.
INST. :
TITLE : The Propaganda System.

ORIG. PUB. : Med. Arkhiv, 1958, 12, no. 2, 81-90
ABSTRACT : No Abstract.

CARD:

1/1

- 4 -

Anti-Hist-Vib.

A study on the anti-leucocyte antibodies. Bul no (eng) 9 no.4/5:
120 Ag-O '64.

1. Microbiological Institute of the Pharmaceutical Faculty,
Belgrade.

ANDELKOVIC, S.; DZOKIC, D.; PODBREZNIK, F.; ARUNOVIC, M.; CVETKOVIC, M.; SAVIC,
S.; ARSENIJEVIC, M.; MIGLEVSKI, V.; GANSEL, L.; KOCEVAR, F.

Review of periodicals; textile industry. Bul sc Young 9 no.4/5;
152 Ag-0 '64.

"Technology and the Use of Under Pressure" p. 122
(NAUKA I TEHNIKA, Vol. 4, no. 1, Nov. 1952, Zagreb, Yugoslavia)

301. Monthly List of East European Acquisitions, LC, Vol. 3, no. 5, May 1954, Uncl.

18(7)

YUG/1-59-1-28/67

AUTHOR: Arsenijević, Miro, L., Engineer, Professor; Jančić,
Miodrag, Engineer, Assistant and Milosavljević,
Djordje, Engineer, Assistant, (Beograd)

TITLE: Desulfurization of Grey Cast Iron by a Desulfurizing
Agent in a Stream of Carrier Gas.

PERIODICAL: Tehnika, 1959, Nr 1, pp 101 - 105 (YUG)

ABSTRACT: Since practically no Yugoslav foundry has at its
disposal raw material with a low enough sulfur
content for the production of grey cast iron with a
permissible sulfur content of 0.1%, the Yugoslav
metallurgical industry has to resort to desulfuri-
zation. Tests with desulfurization by a fluidized
desulfurizing agent have been carried out by the
authors. For the tests a 100-kg sample of standard
grey cast iron from the Industrija motora (Motor
Plant) in Rakovica was used. The test equipment com-

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YUG/1-59-1-28/67

Desulfurization of Grey Cast Iron by a Desulfurizing Agent
in a Stream of Carrier Gas.

sisted of a) equipment for powder fluidization, b) injection pipe, c) supply pipes, d) measuring instruments and e) bottles containing compressed nitrogen and ammonium. The desulfurizing agents used were either raw calcium oxide or serpentine previously heated for 3 hrs at a temperature of 900°C. Air, carbon dioxide, nitrogen and ammonium were used for the carrier gas, but the first two were found unsuitable due to their high moisture content. The results of the tests are tabulated. Best results were obtained by using 1.5% of CaO by which 58.3% of the sulfur content was removed and by using 1% serpentine by which process 54.5% of the sulfur content was removed. The practical experience gained from the tests showed that 1) the desulfurizing temperature of the cast iron should be increased to over 1,350°C; 2) the granulation of the desulfurizing agent should be finer;

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YUG/1-59-1-28/67

Desulfurization of Grey Cast Iron by a Desulfurizing Agent
in a Stream of Carrier Gas.

3) the amount of the desulfurizer charge should be increased and 4) the optimum powder concentration is 2 kg per 100 lit of gas for a through-flow speed of 60 l/min. There are 2 tables, 3 diagrams and 6 references of which 1 is German, 2 French and 3 English.

ASSOCIATION: Tehnološki fakultet Univerziteta (Technical
Dept. at the University), Beograd.

SUBMITTED: 10 July 1958

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32(3) · 12(3)

YUG/1-59-1-45/67

AUTHOR: Arsenijević, Milorad, Engineer and Consultant (Beograd)

TITLE: The Economy of Using the Monophase Industrial Frequency System in Electric Traction

PERIODICAL: Tehnika, 1959, Nr 1, pp 141-145 (YUG)

ABSTRACT: This report was presented at the Savetovanje o izboru sistema električne vuče (Conference on the Selection of Electric Traction Systems) on 20 October 1957 in Beograd. In May 1954 it was decided to continue the electrification of Yugoslav railways by using a 3,000-v d.c. system. The author advocates the use of the a.c. 50-cycle system and points to France and the USSR as pioneers of this system. Experiments with the monophase 50-cycle system for electric traction were carried out in the USSR in 1934 on the initiative of "Dinamo" Electrical Engineering Institute. The electrification of Yugoslav RR would have to rely mainly

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YUG/1-59-1-45/67

The Economy of Using the Monophase Industrial Frequency System in Electric Traction

on the experience and results gained in this field by France and the USSR. In estimating the suitability of the 50-cycle system for Yugoslavia, three factors have to be given special consideration: tendency to greater speed, increase in freight transport and the economic advantages of this system. Yugoslav conditions could satisfy the first two factors. Defending the economical advantages of this system the author quotes some data from the USSR publication "New Types of Traction in Transport" published in 1956 by the USSR Academy of Science, Institute for Complex Transport Problems, and from the periodical "Elektricheskaya i teplovoznaya tyaga", 1957, Nr 1. These data refer to trial runs on the 136-km RR line Ozherel'-Povelets, with a 22-kv contact grid fed by the stations in Ozherel', Vilenka and Mshanka. The

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YUG/1-59-1-45/67

The Economy of Using the Monophase Industrial Frequency System in Electric Traction

experiments on this line started in 1956 but already before the war some tests were carried out with a OP 22 trial locomotive, capacity 2,040 kw, 50-cycles and 22 kv. The USSR tests proved the undisputable good qualities of this system. The author states that steam locomotives in Yugoslavia are being replaced with diesel-engines as the first step towards complete electrification. Diesel locomotives could be used eventually also for the 50-cycle system by replacing the diesel-units with electrical equipment. The feeding and contact grid does not represent any difficulties since a current up to 35 kv can be used. Only 171.5 km of Yugoslav RR have been electrified. The increase in industrial and agricultural production calls for an increase in the speed of RR transport and expansion of RR lines, both of which can be

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YUG/1-59-1-45/67

The Economy of Using the Monophase Industrial Frequency System in Electric Traction

met by electrification. The Radionica (RR Workshop) in Zagreb will only have to be reorganized for the maintenance of electrical locomotives. The light-signal, telephones and telegraph lines, which will have to be cabled in the near future owing to the atmospheric conditions in Yugoslavia, will therefore be ready for the electrification program. A comparison between 3,000-v. d.c. and 50-cycle electrification systems is given, including data of an analysis reported during the Conference of members of RR organizations in Eastern countries held in Moscow on March 1957. The sixth USSR 5-year plan anticipates the electrification of 8,100 km of RR lines, of which 1,250 km will be electrified in 1958. Specific examples of electric power consumption for electric locomotives in USSR and Yugoslavia are also given.

Card 4/5

YUG/1-59-1-45/67

The Economy of Using the Monophase Industrial Frequency System in Electric Traction

There are 5 tables, 1 circuit diagram and 9 references of which 5 are Soviet and 4 French.

ASSOCIATION: Železnički institute (RR Institute).

SUBMITTED: September 16, 1958.

Card 5/5

ARSENIJEVIC, M.

ARSENIJEVIC, M. An interesting railroad construction in France. p. 26

Vol. 12, no. 12, Dec. 1956

ZELEZNICE

TECHNOLOGY

Beograd

See: East European Accession, Vol. 6, no. 3, March 1957

YUGOSLAVIA / General and Special Zoology. Insects. P
Harmful Insects and Arachnids. Pests of
Fruit and Berry Cultures.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64084.

Author : Arsenijevic, M.

Inst : Not given.

Title : The Bud Moth *Spilonota ocellana*.

Orig Pub: Zashchita bil'a, 1956, No 37, 81-86.

Abstract: In Yugoslavia, for the last years, there was noted a substantial damage to the fruit-trees' buds, during their unfolding, by the caterpillars of the leaf-rollers *Argyroplaca nubiferana*, *Pardalis heparana* and *Spilonota (Taetocera) ocellana*. The last species is most significant, as it also damages the fruits and young sprouts and equally harms the pear, plum, cherry, apricot and apple trees. -- From the author's resume.

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* (*Glyphania eumela*)

Arsenijevic, M.; Jovanovic, R.; Popovic, Z.

Conditioning of some types of Yugoslav wheat. I. p. 1557

Tehnika. Beograd, Yugoslavia. Vol. 14, no. 9, Sept. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

JOVANOVIĆ, Radmilo, prof. dr., generalmajor; ARSENIJEVIĆ, Milan, prof. dr.,
pukovnik; KICIC, Miroslav, dr., potpukovnik; ANTIĆ, Miroslav, dr., major

Some problems concerning rheumatic fever; report of 340 cases.
Voj. san. pregl., Beogr. 11 no.5-6:141-165 May-June 54.

1. Interna klinika VMA načelnik, generalmajor prof. dr. Radmilo
Jovanović.
(RHEUMATIC FEVER)

JOVANOVIĆ, Radmilo, generalmajor prof. dr.; ARSENIJEVIĆ, Miroslav, pukovnik
prof. dr.; RADOJČIĆ, Božidar, potpukovnik dr.; APTIĆ, Milovan,
major dr.

Some experiences in treatment of serositis with streptomycin. Voj.
san.pregl., Beogr. 12 no.1-2:9-18 Jan-Feb 55.

1. Interna klinika VMA.
(SEROISITIS, ther.
streptomycin)
(STREPTOMYCIN, ther. use
serositis)

ARSENJEVIC, Milan; MICHIC, Miodjub; MICHIC, Ratibor; LUMOVIC, Arsenije

Contribution to the treatment of cortical insufficiency with corticosteroids. Srpski arh. celok. lek. 88 no.2:171-182 P '60.

1. Klinika za unutrasnje bolesti Vojno-medicinske akademije u Beogradu, Nacelnik: puk. prof. dr. Milan Arsenijevic.
(ADDISON DISEASE ther.)
(ADRENAL CORTEX HORMONES ther.)

SAVIC, Sava, sanitetski potpukovnik doc. dr; ~~ABELIJ~~ VIC, Milan, sanitetski
pukovnik prof. dr; JOVANOVIĆ, Ljubomir, sanitetski pukovnik prof.
dr.; POPOVIĆ, Đorđe, sanitetski potpukovnik dr.

Transitory and intermittent interventricular block. (Report of x 8
cases). Vojnosanit. pregl. 19 no.2:95-100 P '62.

1. Vojnomedicinska akademija u Beogradu, klinika za unutrasnje bolesti.
(HEART BLOCK) (ELECTROCARDIOGRAPHY)

YUGOSLAVIA

KICIC, Prof. Dr. Miodjub, Colonel, San. tion Corps (San. pukovnija);
POLEKSIC, Vjerica, Biologist (biolog); and GRABARIC, Ruzica, Biologist
(biolog) of the Clinic for Internal Diseases of the Military Medical
Academy (Klinika za unutrisnje bolesti Vojnomedicinske akademije) Chief
(nacelnik) Prof. Dr. M. AISENIJEVIC, Major-General, Belgrade

"Mongolism and Hyperthyroidism"

Belgrade, Medicinski Glasnik, Vol 20, No 5-6, May-June 1966, p. 183-185

Abstract: Detailed description of a case of 29 year old mongoloid woman
with recurrent attacks of hyperthyroidism accompanied by manic type
psychosis. Caryotype showed 47 chromosomes with a pure 21-trisomy.
Graph, table, caryogram; 2 Yugoslav, 9 Western references.

ARSENIJEVIC, Milorad

Preliminary communication on the finding of germanium in the Bor
Mines. Glas Priroda A no.11:187-192 '59.

(Yugoslavia—Germanium)

ARSENIJEVIC, Milorad

Aureoles of uranium dispersion near Pestani, Prilap Edistrict.
Glas Prir muz A 18:79-90 '63.

Submitted July 20, 1962.

1954. Item 3.1: New Textile Materials.

Comparative investigation of new materials for impregnation of cloth to make it flame-resistant. p. 1309. (JOURNAL, Vol. 1, No. 11, 1954. Belograd, Yugoslavia)

SO: Monthly List of East European Acquisitions, (JOURNAL), 1954, Vol. 4, No. 4, Apr 1955, Encl.

3

Appendix 5, in the number determination as a witness for
the purpose of the 12. December and 2. March 1971. The
document is a "CONFIDENTIAL" document. It is a
document which is not to be released to the public.
It is at no time to be released to the public with whom it
is not to be released.

ARSENJEVIC, M.

Parallel tests of some methods for impregnation of certain textiles to make them more waterresistant. p. 1301

TEHNIKA, Beograd, Vol 10, No. 9, 1955

SO: ERAL, Vol 5, No. 7, July 1956

Application. Dyes and Chemical Treatment of
Textile Materials.

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59649

Author : Arsenijevic Miso, Jancic Miodrag, Trifunovic Dusan,
Ristanovic Radmila

Inst : -

Title : Flame-Resistance Treatment of Textile Materials with
Binary Mixtures of Various Salts.

Orig Pub : Tehnika, 1957, 12, No 1, Hem. ind., 11, No 1, 2-7.

Abstract : Proceeding from the fact that mixtures of salts fuse at
lower temperatures than do the separate components that
form the liquid phase which uniformly covers the entire
surface of a textile article with a flame-resistant
layer; as well as from the fact that the fusion of a mix-
ture of salts gives a higher protective effect than does
the fusion of separate salts, the flame-resistant action

Card 1/2

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YUGOSLAVIA/Chemical Technology. Chemical Products H
and Their Applications. Dyeing and Chem-
ical Treatment of Textile Fabrics.

Abs Jour : Ref Zhar-Khimiya, No 6, 1959, 21949

Author : Arsenijevic, Miro; Jovanovic, Radmila

Inst : -

Title : Test of Fabrics Finished with Fireproof
Preparations.

Orig Pub : Tehnika, 1958, 13, No 3, Hem. ind., 12,
No 3, 33-39

Abstract : A fireproofing test of finished fabric
is conducted on strips placed horizontally,
vertically or at a 45° angle to the flame
in a special chamber. Length and area of
the charred part are established. It was

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YUGOSLAVIA/Chemical Technology. Chemical Products H
and Their Applications. Dyeing and Chemical Treatment of Textile Fabrics.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21949

determined that with a vertical position of the samples, the duration of burning increases, while with a horizontal one, the tongue of the flame is lengthened; and therefore, it is recommended to place all the samples at a 45° angle during the tests. The relative rate of spread of the flame is determined on fabrics not sufficiently fireproofed. For those fabrics which satisfy the standard for fireproofing, the influence of impregnation on the mechanical properties, stability of impregnation to washing, atmospheric influences and to storage is deter-

Card : 2/3

4-171

Country : Yugoslavia H-22
 Category= :
 Abs. Jour. : 39961
 Author : Arsenijevic, M., Jancic, M., Trifunovic, D., and
 Institut. : Kustudic, D.
 Title : Not given
 Effect of Microadditions of Products from the Dry
 Distillation of Bituminous Coal on the Bulk Density
 Orig. Pub. : of a Number of Yugoslav and Other Coals
 Tehnika, 13, No 6, [?] (1958); Hem Ind, 12, No 6,
 89-96 (1958)
 Abstract : The authors have studied the conditions under which
 the wetting of Yugoslav and imported coals (C) with
 microadditions of products obtained by the dry dis-
 tillation of bituminous coal leads to a greater com-
 paction of the charge and raises the bulk density.
 The effect of the moisture content of the C on the
 above process is noted. The following increases
 were obtained in the bulk density of a number of C
 containing 8-9% H₂O on wetting with the substances
 indicated: kerosene, 11-15%; light oil (O), 9-13%;
 heavy O, 6-8%; anthracene O, 2-6%. The presence of
 ash because of the hydrophilic character of the

Card: 1/2

H-86

Card: 2/2

CATEGORY	:	11a	H-34
ABS. JOUR.	:	RZKis., No. 5 1960, No.	20529
AUTHOR	:	Arsenic, M. and Jovanovic, R.	
INSTR.	:	Not given	
TITLE	:	Methods for Determining the Degree of Damage to Wool	
ORIG. PUB.	:	Tehnika, 14, No 5, (1959); Hem Ind. 15, no 5, 70-78 (1959)	
ABSTRACT	:	The physicochemical, physicochemical, and chemical methods for determining the type and extent of damage to wool fibers during processing are reviewed. A detailed discussion is given of 25 methods. The bibliography lists 22 titles. Z. Lazdeva	
CARD:	:	1/2	

S/081/62/000/007/016/033
B156/B101

AUTHORS: Arsenijević, Miro, Jovanović, Radmila

TITLE: Investigation of changes taking place during mechanical and chemical treatment of germanium monocrystals

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 7, 1962, 396, abstract 7K79 (Tehnika, v. 16, no. 10, 1961, Elektrotehnika, v. 10 (11), no. 10, 150-160a)

TEXT: The action of H_2O_2 -, $NaOCl$ -, and HNO_3 -base oxidants is investigated. The first group is the most effective, providing the monocrystals with matte surfaces. The remainder act more slowly, providing polished surfaces. [Abstracter's note: Complete translation.] ✓

Card 1/1

ARSENJEVIC, Miro, ing., redovni prof. (Beograd, Loznicka 17);
JOVANOVIC, Radmila, ing., asistent

Examination of changes occurred during the mechanical and chemical
treatment of monocrystal germanium. Tehnika Jug 16 no.10:1842-
1852a 0 '61.

1. Teholoski fakultet Universiteta u Beogradu.

ARSENIJEVIC, Miro, ing., prof. (Beograd, Loznicka 17); DZOKIC, Dimitrije,
ing., assistant prof.

The influence of fixation on the properties of nylon fabrics. Tehnika
Jug 17 no.2:336-339 P '62.

1. Technological Faculty of the University of Beograd.

(Nylon)

KOLUNDZIC, Bogdan, ins. (Leskovac, Moravska 2); ARSENIJEVIC, Miro, ins., prof.

Relation between the strength and yarn numbering. Tehnika Jug
17 no.8:Suppl.: Hemindustrija 16 no.8:1566-1571 Ag '62.

1. Direktor Srednje tekstilne škole, Leskovac (for Kolundzic).
2. Tehnoloski fakultet Univerziteta u Beogradu (for Arsenijevic).

ARSENJEVIC, Miro, ing., redovni profesor (Beograd, Lomnicka 17); PETROV,
Sava, ing.

Spinning of the mixture of cotton and cellulose fiber. Tehnika Jug
16 no.11:2027-2031 '61.

1. Tehnoloski fakultet Univerziteta u Beogradu (for Arsenjevic)
2. Predionica pamuka "Trudbenik", Pancevo (for Petrov)

5

L 12317-63

Pc-4/Pt-4

BPR/EAT (3) /BPR (6) /BDS/IN (3) -2

RU/WA/CT(DE)

450/4.117C/010

NY 65-15874-117

B/011/11/001/005/074/075

AUTHOR: Arsonijevic, M. and Jorandovic, R.

TITLE: Fireproofing and waterproofing textile materials.

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 10-651, abstract 57533
(Zant. Mater. 1962, v. 10, no. 1, 23-27)

TEXT. Laboratory experiments have shown that the impregnation of textile materials with ethyl-, butyl-, isopropyl- and amyltitanates in the form of a 2% gasoline solution imparts fire-resistant and water-resistant qualities to the cloth. The treated material both before and after washing or dry cleaning gave satisfactory results. Alcohol titanates were synthesized in this laboratory. **2. Lebedeva.**

Abstractor's note: Complete translation

Card 1/1

MICIC, R.S.; BRANKOVAN, K.; JANES, S.; ARSENIJEVIC, M.

Idiopathic pulmonary hemosiderosis associated with nephritis.
Acta med. Iugosl. 19 no.1:70-82 '65.

1. Klinika za unutrasnje bolesti i Institut za patolosku anatomiju
i sudsku medicinu Vojnomedicinske akademije u Beogradu.

KOSIC, Vojislav, sanitetski pukovnik, dr.; ARSENIJEVIC, M. Ian,
sanitetski pukovnik, prof. dr.; KANDIC, Branko, sanitetski
pukovnik, doc. dr.; GBESA. Branko, sanitetski potpukovnik, doc. dr.

Acute carbon monoxide poisoning in the mine Banovici. Vojnosanit
pregl. 21 no.3:157-164 Mr '64.

1. Klinika za unutrasnje bolesti i Klinika za disevne i
zivcane bolesti, Vojnomedicinska akademija u Beogradu.

YUGO.

1. The purpose of this document is to provide information on the current situation in Yugoslavia. The document is based on information received from reliable sources. The information is classified as "Secret" and is to be handled accordingly. The document is to be used for internal reference only. The document is to be destroyed when it is no longer needed.

CC: [illegible]

ARSENIJEVIC, M.

Change of fluorescence as noted on some minerals of Serbia.

p. 151 (Glasnik) Vol. 7, no. 3, 1956, Belgrade, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EERAI) LC, VOL. 7, NO. 1, JAN. 1958

ARSENJEVIC, M.

The rare earths in our scheelites and some geochemical characteristics of the scheelite-bearing emanations.

p. 157 (Glasnik) Vol. 7, no. 3, 1956, Belgrade, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (IERAI) LC, VOL. 7, NO. 1, JAN. 1958

ARGENIJEVIC, M.; DAVILOVIC, L.; RAKENKOVIĆ, M.

Deposits and properties of foundry sand in Serbia. p. 210.
Vol. 11, No. 2, 1956. TEHNIKA. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (REAL) Library
of Congress, Vol. 5, No. 8, August, 1956.

ARSENJEVIC, Milorad

Determination of the age of the granite of Stip by the method of
sircon. Glas Prirodoslovja A no.11:177-186 '59.

(Yugoslavia--Granite) (Zircon)

COUNTRY : YUGOSLAVIA
CATEGORY : Inorganic Chemistry. Complex Compounds.
ABS. JOUR. : RZhKhim., No 17, 1959, No. 00039
AUTHOR : Arsenijevic, M., Ristic, V.
INSTITUTE : -
TITLE : Germanium and The Search for It in Yugoslavia
ORIG. PUB. : Tehnika, 1958, 13, No 10, Rud. i metalurg., 9,
No 10, 240 b- 240 c.
ABSTRACT : No abstract

Card: 1/1

ARSENIJEVIC, Milorad

Geochemical examinations of the alkali feldspars from the pegmatitic-pneumatolytic appearances in the Prilep area. Glas Prirode no.13: 69-104 '60.

(Yugoslavia--Feldspar)
(Yugoslavia--Pegmatites)

9,4300 (1003,1143)

27825
Y/001/61/000/010/001/001
D253/D301

AUTHORS: Arsenijević, Miro, Engineer, Professor, and
Jovanović, Radmila, Engineer, Assistant

TITLE: Investigating the changes resulting from mechanical and chemical treatment of monocrystalline germanium X

PERIODICAL: Tehnika, no. 10, 1961, 1842 - 1852a

TEXT: The purpose of the article was to present data obtained from investigations on the changes resulting from the mechanical and chemical treatment of the surface of monocrystalline germanium. Deformations in the crystalline structure caused by cutting germanium to required dimensions have to be removed by grinding, polishing and chemical treatment. The latter, intended not only for removing the deformed layer and impurities, but also for reducing the thickness, consists of the formation

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D253/D301

Investigating the changes...

of germanium oxide and of its transformation into a soluble and evaporable compound. All the experiments were carried out with monocrystalline germanium of the n-type, with a specific resistance of 14 - 15 ohm. cm. The dimensions of the samples cut by machine at the Zavod za mehaničku tehnologiju Tehnološkog fakulteta (Section for Mechanical Technology of the Technological Faculty) were 10x10x0.4 mm, and the thickness was 430-10 microns. The effect of the chemical treatment was observed by measuring the changes in the weight and thickness of the samples. Prior to tests with actual chemical compounds, the samples were tested for reaction to water, since most of the chemical compounds employed were water solutions, and to certain organic and inorganic acids. Tests were carried out with 1) hydrogen peroxide, 2) concentrated and diluted mixtures of 30% hydrogen peroxide and 40% hydrofluoric acid, 3) with sodium hypochlorite and 4) the GP-4 mixture consisting

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D253/D301

Investigating the changes...

of 5 volumetric parts of 68% nitric acid, 3 volumetric parts of 40% hydrofluoric acid, 3 volumetric parts of glacial acetic acid and 6 drops of bromine per 100 ml of mixture. Experiments with hydrogen peroxide showed that the amount of sodium hydroxide added as catalyst affects the rate of decomposition of hydrogen peroxide. This rate in a constant concentration of sodium hydroxide increases until a certain value is reached, but decreases with increased concentration. This treatment is useful for producing point-contact surfaces. Experiments with a mixture of hydrogen peroxide and hydrofluoric acid in a 1:1 ratio at constant temperature showed a decomposition of 140 microns after 7 minutes. Since the rate of decomposition was difficult to control, diluted solutions were also investigated. A mixture of hydrogen peroxide and hydrofluoric acid diluted with water in a 1:1:1 ratio was found to produce a surface with greater smoothness, but still not up to the standard required for P-N contacts. To obtain such surfaces,

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Investigating the changes...

germanium was treated with sodium hypochlorite and the OP-4 mixture. When using the latter, attention has to be paid to the ratio of components and to the operating temperature. Since the treatment with sodium hypochlorite takes a long time, it is recommended treating the surface first with the OP-4 mixture until $\frac{2}{3}$ of the thickness to be reduced has been removed and then applying the treatment with sodium hypochlorite which gives a smooth surface. There are 20 figures and 4 tables. X

ASSOCIATION: Tehnoloski fakultet Univerzitetu u Beogradu
(Technological Faculty, Belgrade University)

SUBMITTED: February 15, 1961

Card 4/4

ARSENIJEVIC, Milorad

Indium and gallium in certain sphalerites. Glas Prir muz A
14/15:95-103 '61.

ARSENJEVIC, Milorad

Uranium in the streams of Osego Mountain. Glas Prir muz
A 16/17 183-202 '62.

ARSENIJEVIC, Milorad; CERVENJAK, Zvonko

Rhenium in molybdenites. Glas Prirode A 16/17 203-217
'62.

PETROVIC, Lazar, doc. dr.; ARSENIJEVIC, Nevenka, asist. dr.

Trophic ulcerations of the oral mucosa and diabetes insipidus
caused by head injuries. Srpski arh. celok lek. 82 no.9:1127-1132
Sept 54.

1. Klinika za bolesti usta Stomatološkog fakulteta u Beogradu.
upravnik doc. dr. Lazar Petrovic.

(MOUTH, ulcer

trophic of mucosa, with diabetes insipidus caused by
head inj.)

(WOUNDS AND INJURIES

head, causing trophic ulcers of oral mucosa & diabetes
insipidus)

(DIABETES INSIPIDUS, compl.

trophic ulcer of oral mucosa, caused by head inj.)

(HEAD, wds. & inj.

causing diabetes insipidus & trophic ulcer of oral mucosa)

PETROVIC, Branislav; ARSENIJEVIC, Nikola; PETROVIC, Olga; RADOVIC,
Radmila

Treatment of recently diagnosed pulmonary tuberculosis. Tuberkuloza
16 no. 5:427-437 3-D '64

1. Antituberkulozni dispanzer, Kragujevac (Sef: dr. Nikola
Arsenijevic); Grucno odeljenje Opste bolnice "Dr. Mihailo Ilic",
Kragujevac (Sef. dr. Branislav Petrovic).

ARSENIJEVIC, R.

"The electrochemical and electrometallurgical industry is our great national industry."
(Conclusion) p. 169. (Nauka I Tehnika, Vol. 8, no. 4, Apr. 1952. Beograd.)

SO: Monthly List of East European Acquisitions, Vol., 3, No. 6, Library of Congress,
Feb. 1954, Uncl.

"Industrial Electric Furnaces. (to be sent.)" p. 127
(NAUKA I TEHNIKA, Vol. 6, no. 2, Nov. 1962, Moscow, USSR)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1964/Uncl.

anobnlopVil, R.

Ignitron. p. 11. (RECORD, Vol. 11, No. 1, 1945.)

SO: Monthly list of East European Accessions. (FEAL, IC, Vol 4, No. 5, June 1955, Uncl.

ARSENJEVIC, R.

Contribution of the solution of granting "quality
grade." p. 611. TEHNIKA (Savaz inženjeri tehnicara
Jugoslavije) Beograd. Vol. 11, no. 5, 1956

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

ARSENIJEVIC, R.

Hundredth anniversary of the birth of Nikola Tesla. p. 984e.
Program for commemorating the hundredth anniversary of the birth of
Nikola Tesla. p. 984e. TEHNIKA (Savaz inženjera i tehnicara
Jugoslavije) Beograd. Vol. 11, no 7, 1956

SOURCE: East Europe Accessions Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

ARSENIJEVIC, R.

Germanium rectifiers, p. 629

TEHNIKA (Savez inženjera i tehničara Jugoslavije) Beograd, Yugoslavia.
Vol. 14, no. 4, Apr 1959

Monthly List of East European Accession EERAI LC, Vol. 8, no. 6, June 1959
Uncla.

ARSENIJEVIC, R.

Infrared rays and their importance. p. 1475.

TEHNIKA. Beograd, Yugoslavia. Vol. 14, no. 9, Sept. 1949.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

ARSENIJEVIC, R., ~~ing.~~, prof.

1st Conference on the Application of Electrotherapy and Electrochemistry.
Elektrotehnika Hrv 1 no.1-2:102-103 '58.

ARSENJEVIC, R., ing., prof.

Yugoslav Committee for Electrotherapy and Electrochemistry.
Elektrotehnika Brv 1 no.1-2:103-104 '58.

ARSENIJEVIC, R., ing. (Beograd)

Electric arc welding under carbon dioxide shield.
Zavarivac 5 no.3:11-13 '60.

1. Industrija motora Rakovica, Beograd.

ARSENIJEVIC, Radimir, D., prof. ins. (Beograd, Baba Visnjina 46)

Development of aluminum industry in the last 75 years. Tesla
9 no.4:11-15 '62.

ARSENIJEVIC, R. DJ., vanredni profesor inž.

Feeding arc furnace for steel melting. Elektroprivreda 15
no.8:381-387 Ag '62.

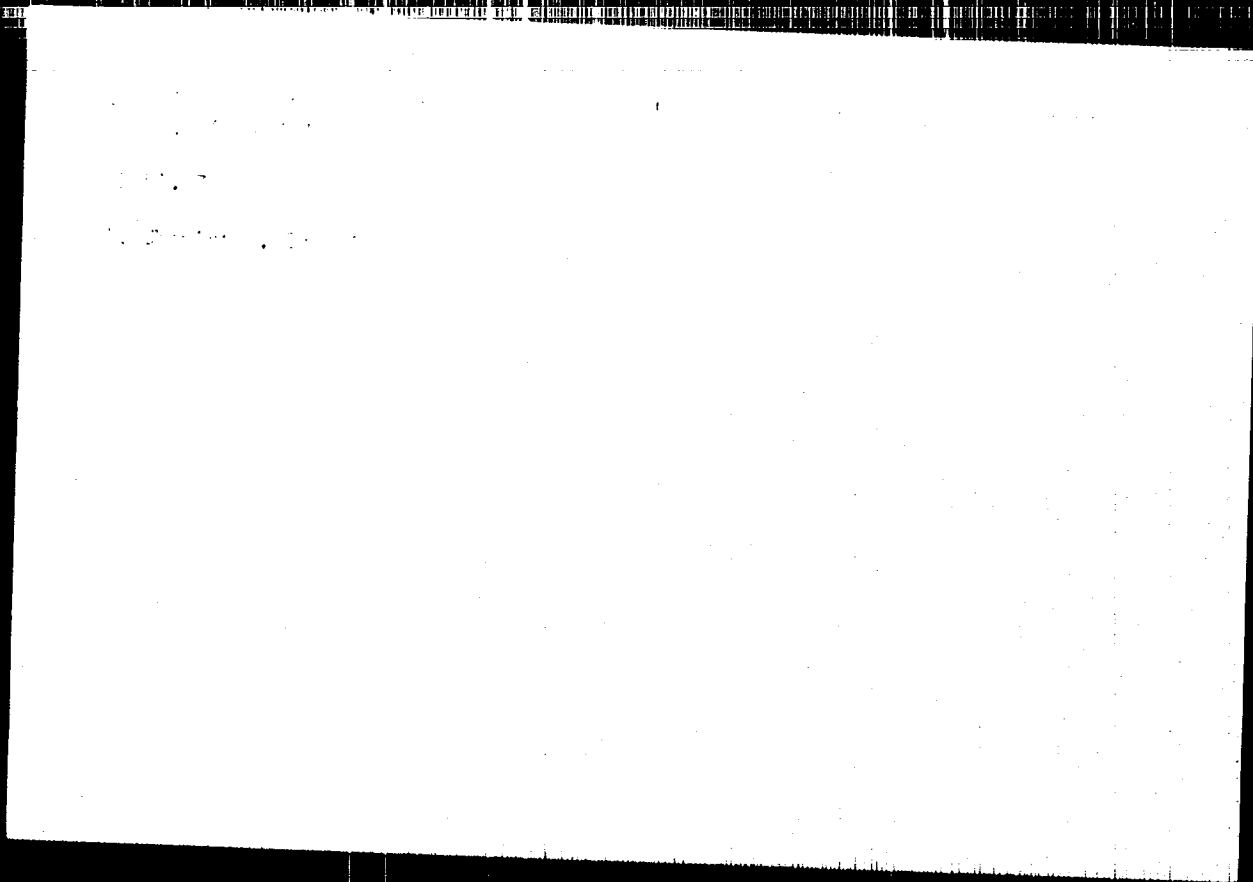
1. Faculty of Electrical Engineering of the University of
Belgrade, Belgrade.

AGS-VIS, Sdomin, Inc.

Fifth International Congress on Electroheat, Wiesbaden,
September 30-October 5, 1962. Pt. 1. Tekhnika Aug 19
no. 3: Suppl. Elektrotennika 13 no. 3: 519-527. Mr 16.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000102210006-9



APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000102210006-9"

AUTHOR: Arsenijević, Stanimir, R., Professor YUG/2-59-1-3/22
TITLE: A Hundred Years Since the Discovery of Diazonium Compounds
(Sto godina od otkrića diazo jedinjenja)
PERIODICAL: Kemija u industriji, 1959, Nr 1, pp 13 - 16
ABSTRACT: The author gives the history of the discovery of diazonium compounds, their chemical composition and practical application as dyes for cotton, wool, silk, leather and various synthetic fibers such as nylon, terylene, orlon, etc., as emulsions in photography and in preparation of drugs, i.e. sulfathiazole, sulfapyridine, paludrine, etc. There are 6 references, all of which are English.
ASSOCIATION: Viša Pedagoška škola, Niš (Teachers' College, Niš)

Card 1/1

ARSENIN, Nikolay Dmitriyevich; NAZAROV, Valentin Nikolayevich;
MORUCHKOV, S., red.; VINOGRADOV, V., mladshiy red.; NOGINA, N.,
tekhn. red.

[Forty-nine days in the inferno; heroes of the battle of Kurak]
49 dni v ogne; o geroiakh Kurakoi bitvy. Moskva, Sotssekgiz,
1961. 86 p. (MIRA 15:7)

(Kurak, Battle of, 1943)

ARGENTIN, N.D.; BUDAKOVSKIY, N.G.; BOLOTIN, A.A.; BONARTSEVA, N.N.;
BOGDANOVA, M.V.; GOLOVENKO, I.P.; IL'BITENKO, K.I.;
KIRPONOS, Ye.M.; KARAFETYAN, K.G.; KIRSANOVA, I.A.;
KUZNETSOV, A.L.; KORESHNIKOVA, N.F.; KORZHENEVSKAYA, T.I.;
NEMIROV, N.G.; NIKONOVA, T.K.; NAZAROV, V.N.; PISAREVA, I.A.;
POPOV, S.A.; PRONINA, N.A.; PAKHMAN, M.Ye.; REYFOLSKIY, S.N.;
ROGACHEV, Yu.N.; SOSNINA, V.D.; STARSHINOV, B.M.; KHUDYAKOV,
B.Ya.; SHELEKASOV, V.I.; PARKOV, V.P., podpolkovnik, red.;
MURAV'YEV, A.I., polkovnik, red.; CHAPAYEVA, R.I., tekhn. red.

[Relics of military glory] Relikvii boevoi slavy. Moskva,
Voenizdat, 1962. 166 p. (MIRA 15:8)

1. Nauchnyye sotrudniki TSentral'nogo muzeya Sovetskoy Armii
(for all except Murav'yev, Chapayeva).
(Military museums)

S/141/62/005/002/005/025
E032/E314

9.9/00

AUTHOR: Arsonin, V.V.

TITLE: Propagation of electromagnetic disturbances along
a magnetic field in rarefied plasma

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
Radiofizika, v. 5, no. 2, 1962, 240 - 245

TEXT: The damping of electromagnetic disturbances injected
into rarefied plasma is discussed, subject to
the assumption that the effect of the magnetic field may be
neglected, the collisional terms can be ignored and the initial
electron- and ion-distribution functions are Maxwellian. A
second-order linear differential equation for the problem is
established and a series solution of it is derived. It is shown
that although the electromagnetic disturbance is damped-out
after a sufficiently long interval of time, the motion is
nevertheless reversible. The reversibility of the equations of
motion for plasma in the absence of collisions is, in fact,
the general result, in spite of the fact that the dielectric-
constant tensor has an anti-hermitian part. This is due to
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APP(15/ASD)/ESD-3/IFW1/SSD

Pz-4/Pab-4/P1-4/Pc-4 A'1/JJ(G)

ACCESSION NR: AP3004831

S/01A1/61/006/003/0177/0460

AUTHOR: Arsenin, V. V.

TITLE: Absorption of electromagnetic waves incident on a half-space filled with plasma

SOURCE: IVUZ. Radiofizika, v. 6, no. 3, 1963, 437-460

TOPIC TAGS: plasma, magnetoactive plasma, plasma wave absorption, plasma wave reflection, gyroradius

ABSTRACT: Absorption of a plane electromagnetic wave incident on a half-space filled with a magnetoactive plasma was investigated for the case when the frequency of the incident wave is smaller than the Langmuir frequency and the penetration depth is much larger than the radius of gyration. It was assumed that electrons are reflected elastically from the boundary. Collisions in plasma were not taken into consideration. A formula for the absorbed energy was derived from Maxwell equations and the kinetic equation with a self-consistent field for electrons. The electron distribution function was taken as the sum of an unperturbed (Maxwellian) distribution function f_0 and a correction f_1 associated with the wave and satisfying a linearized equation. It is shown that

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ACCESSION NR: AP3004831

absorption occurs only in a layer adjacent to the boundary, whose thickness is of the order of an average gyroradius. The author thanks V. I. Kogan and V. D. Shafranov for discussion." Orig. art. has: 18 formulas and 1 figure.

ASSOCIATION: Moskovskiy inzhenerno-fizicheskii institut (Moscow Engineering Physics Institute)

SUBMITTED: 22Sep62

DATE ACQ: 27Aug63

ENCL: 00

SUB CODE: FH

WJREF SOV: 001

ORDER: 000

Card 2/2

L 9919-63 EWT(1)/EWG(k)/BDS/EEC(b)-2/ES(w)-2--LFFTC/
ASD/ESD-3/SSD-Pz-4/Pab-4/Pi-4/Pe-4--AT/IJP(C)

ACCESSION NR: AP3000008

8/0057/63/033/005/0550/0554

AUTHOR: Arsenin, V. V.

TITLE: Stability of electromagnetic disturbances propagating transversely to a magnetic field in a non-uniform plasma

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 33, no. 5, 1963, 550-554

TOPIC TAGS: non-uniform plasma, electromagnetic waves in plasma

ABSTRACT: It is shown that in a rarefied non-uniform plasma located in a strong uniform magnetic field, small electromagnetic disturbances propagating transversely to the field are stable under the following conditions: 1) collisions within the plasma are insignificant; 2) the fields of the Larmor currents are negligible compared with the uniform external magnetic field; 3) the non-uniformity of the plasma is one-dimensional and transverse to the magnetic field, i.e., the properties of the plasma are functions of only one Cartesian coordinate x , and the applied field is perpendicular to the x axis; 4) the electric and magnetic fields of the disturbance are also functions of x .

Card 1/3